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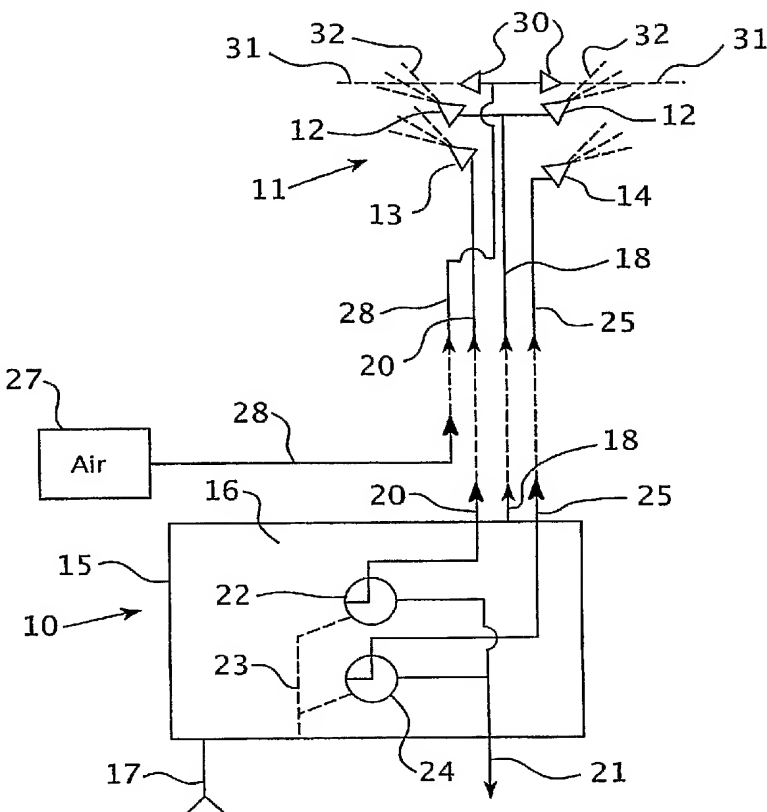
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(54) Title: FREEZE-PROOF WATER VALVE FOR SUPPLYING SECONDARY WATER TO A SNOW MAKING APPARATUS



(57) Abstract: A freeze-proof water valve (10) for supplying secondary water under pressure in freezing ambient conditions to a snow making apparatus (11) having primary water spray nozzles (12) and secondary water spray nozzles (13,14). The valve housing (15) is provided with an interior primary water chamber (16) with a water inlet (17) and a primary water outlet (18) for continuous passage of primary water under pressure therethrough for delivery to primary water spray nozzles (12) on the snow making apparatus (11). A valve body (22,24) is mounted within this valve housing (15) within the primary water chamber (16) for flow of water therearound from the housing inlet (17) to the primary outlet (18) to prevent freeze-up of the valve body (22,24) when in the off position. The valve body (22,24) is movable between an on position and an off position whereby water from the primary chamber (16) is directed to a secondary outlet (20,25) when the valve (22,24) is in the on position for feeding water to the secondary water spray nozzle or nozzles (13,14). Water in the primary chamber (16) is shut off from this secondary outlet (20,25) and water in this secondary outlet (20,25) is directed instead to a water drain outlet (21) for discharge when the valve (22,24) is in the off position.